

PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 13

Complete if Known

Application Number	09/580,018
Filing Date	May 26, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon Turner NICHOLS
Attorney Docket Number	15270J-004760US

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
		Country Code ²	Number ⁴	Kind Code ⁵ (if known)				
EN	294	WO	01/62801	A2	08-30-2001			
	301	WO	01/62284	A2	03-01-2000			
	298	WO	01/42306	A2	06-14-2001			
	243	WO	01/39796	A2	06-07-2001			
	322	WO	00/72880	A2, A3	12-07-2000			
	323	WO	00/72876	A2, A3	12-07-2000			
	324	WO	00/72870	A1	12-07-2000			
	240	WO	00/43039	A1	07-27-2000			
	331	WO	99/06545	A2	11-02-1999			
	227	WO	95/11008	A2	04-27-1995			

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4/29/03

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Sheet 1 of 13

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Application Number	09/580,018
Filing Date	May 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon Turner Nichols
Attorney Docket Number	15270J-004760US

U.S. PATENT DOCUMENTS

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SD	326	2002/0136718 A1	09-26-2002	Raso	
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	296	60/254,165	N/A	Holtzman et al.	
	297	60/254,498	N/A	Holtzman et al.	
SD	299	60/186,295	N/A	Rasmussen et al.	

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Sheet 3 of 13

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Art Unit	1847
Examiner Name	Sharon Turner NICHOLS
Attorney Docket Number	15270J-004760US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
DS	228	BARROW, et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra" <u>J. Mol. Biol.</u> , 225(4): 1075-1093 (1992).	-
↓	239	BEASLEY, "Alzheimer's traced to proteins caused by aging;" Reuters, April 20, 2001 7:56 PM ET.	-
↓	327	CAMERON, "Recent Advances in Transgenic Technology," <u>Molecular Biotechnology</u> , 7:253-265 (1997).	-
DS	285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," <u>Clin. Neuropharm.</u> , 15:414A-414B (1992).	-
	224	Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, Thimerosal in Vaccines (Mercury in Plasma-Derived Products); web site contents found at: http://www.fda.gov/cber/vaccine/thimerosal.htm , last updated May 16, 2002.	-
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G. Nichols

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Sheet 4 of 13

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Filing Date	May 26, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon Turner - <i>NICHOLS</i>
Attorney Docket Number	15270J-004760US

<i>CSO</i>	307	CHEN, et al. A learning deficit related to age and beta-amyloid plaques in a mouse model of Alzheimer's disease. <i>Nature</i> , 408(6815):975-9 (2000).
<i>1</i>	332	CHEN, et al., "Neurodegenerative Alzheimer-like pathology in PDAPP 717V→F transgenic mice," <i>Progress in Brain Research</i> , Van Leeuwen et al. Eds, 117:327-337 (1998).
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Signature*Sharon Turner*Date
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**INFORMATION DISCLOSURE
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Sheet

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of

13

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Application Number	09/580,018
Filing Date	May 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon Turner
Attorney Docket Number	15270J-004760US

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		Filing Date	May 26, 2000
		First Named Inventor	Dale B. Schenk
		Art Unit	1647
		Examiner Name	Sharon Turner NICHOLS
		Attorney Docket Number	15270J-004760US
Sheet 6 of 13			

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Sheet 7 of 13

Complete if Known

Application Number	09/580,018
Filing Date	May 26, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sheron Turner NICHOLS
Attorney Docket Number	15270J-004780US

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		Art Unit	1647
		Examiner Name	Sharon Turner NICHOLS
Sheet 8 of 13	Attorney Docket Number	15270J-004780US	

CPO	334	JOBLING and HOLMES, "Analysis of structure and function of the B subunit of cholera toxin by the use of site-directed mutagenesis," <u>Molecular Microbiology</u> , 5(7):1755-1767 (1991).
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Attorney Docket Number	15270J-004780US

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Examiner Signature	<i>[Signature]</i>	Date Considered	4/29/03
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Sheet 10 of 13

Complete If Known

Application Number	09/530,018
Filing Date	May 26, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon Turner <i>NICHOLS</i>
Attorney Docket Number	15270J-004760US

<i>CSO</i>	281	NAKAYAMA et al., "Histopathological studies of senile plaques and cerebral amyloidosis in cynomolgus monkeys," <u>J. of Med. Primatology</u> , 27:244-252 (1998).
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	336	PERUTZ et al., "Amyloid fibers are water-filled nanotubes," <u>PNAS</u> , 99(8):5591-5595 (2002).
<i>✓</i>	232	PETERSON, et al., "Recombinant Antibodies: Alternative Strategies for Developing and Manipulating Murine-Derived Monoclonal Antibodies," <u>Laboratory Animal Science</u> , 46(1):8-14 (1996).
<i>CSO</i>	269	PHILIPPE, et al. "Generation of a monoclonal antibody to the carboxy-terminal domain of tau by immunization with the amino-terminal domain of the amyloid precursor protein," <u>J. of Neuroscience Res.</u> , 46:709-719 (1996).
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<i>CSO</i>	279	SAITO et al., "Vector-mediated delivery of ¹²⁵ I-labeled β -amyloid peptide Ab ¹⁻⁴⁰ through the blood-brain barrier and binding to Alzheimer disease amyloid of the A β ¹⁻⁴⁰ vector complex," <u>PNAS USA</u> , 92:10227-10231 (1995).

Examiner Signature	<i>G. H. S.</i>	Date Considered	4/29/03
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Sheet 11 of 13

Complete if Known

Application Number	09/580,018
Filing Date	May 26, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon Turner NICHOLS
Attorney Docket Number	15270J-004760US

CPD	278	SAITOH, N. and K. IMAI, "Immunological analysis of Alzheimer's disease using anti- β -protein monoclonal antibodies," <u>Sapporo Med. J.</u> , 60:309-320 (1991).
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SPD	319	SMALL, et al. Alzheimer's disease and Abeta toxicity: from top to bottom. <u>Nat Rev Neurosci.</u> 2(8):595-8 (2001).

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Sheet 12 of 13

Complete if Known

Application Number	09/580,018
Filing Date	May 26, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon Turner NICHOLS
Attorney Docket Number	15270J-004780US

316	SOTO, et al. Beta sheet breaker peptides inhibit fibrillogenesis in a rat brain model of amyloidosis: Implications for Alzheimer's therapy. <i>Nat Med.</i> 4(7):822-6 (1998).
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Sheet 13 of 13

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Application Number	09/580,018
Filing Date	May 26, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon Turner NICHOLS
Attorney Docket Number	15270J-004760US

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↓	292	YAMAGUCHI et al., Diffuse plaques associated with astroglial amyloid β protein, possibly showing a disappearing stage of senile plaques," <u>Acta Neuropathol.</u> , 95:217-222 (1998).
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